raye i vi s #2024

11/11/11 03:08 PM FST

STELfax

From: THYSSENKRUPP MATERIALS NA STAN IVERS Tel: 905 669 9444 Fax: 9057389033

To:

DART AEROSPACE Attn: 96294 Tel: 613-632-9577 Fax: 613-632-1053 Number of Pages: 3

Subject: Sales Acknowledgement

 $11 Nov 11\ 15:07$ SALES ACKNOWLEDGMENT No: PEC ST-388975 \cdot Sold Bu:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905/389033

Sold To: (20115) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Ord 11Nov11 Due17Nov11 Frt PREPAID Via VIM TRANSFER FOB CONCORD Con 96294 PO/Rel 15445 S1p STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053 SALES ACKNOWLEDGMENT SONO PECST-388975 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice 1 STAINLESS STEEL SHEET 304-2B 10 PCS .0600 Nom X 48.0000" X 96.0000" 802 LBS MATERIAL 802 LBS @ 1.8300 LBS 1,467.66 _______ 2 ALUMINUM SQUARE BAR 6061-T6511 1 PCS 8 LBS .750" X 144.0000" MATERIAL 1 PCS @ 25.0000 EA 25.00 -----3 ALUMINUM FLAT BAR 6061-T6511 1 PCS 22 IBS .750" х 2.00" X 144.0000" MATERIAL 12 FT @ 3.8500 FT 4 ALUMINUM FLAT BAR 6061-T6511 4 PCS 9 LBS .125" x .750" X 240.0000" MATERIAL 25.0000 LOT _________ 5 ALUMINUM ROUND BAR 6061-T6511 3 PCS 14 LBS .625" DIA X 144.0000" 36 FT MATERIAL 36 FT @ .9200 FT 33. 12 6 ALUMINUM ROUND BAR 6061-T6511 2 PCS 13 LBS .750" DIA X 144.0000" 24 FT MATERIAL 24 FT @ 1.1900 FT

SHIP WITH 388968/388969 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

- ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
- ** REFERENCED ON IT **
- ** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **
- *** TEL. 800-926-2600 ***
- ****************
- * WE STOCK STAINLESS STEEL!!!!
- * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

Page: 1 Continued

raye 3 UT 3 #2624 🛭 🖹

11Nov11 15:07 SALES ACKNOWLEDGMENT No: PEC ST-388975 Sold By:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 9057389033

Sold To: (20115) DART AEROSPACE

Ship To: (1) DART AEROSPACE

S A L E S A C K N O W L E D G M E N T SO No PEC ST-388975 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice ****************

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER. ***

Order Totals: 6 Items 868 LBS ****************************** Material Processing Freight Taxes ORDER AMT 211.33 1,836.87 Other 1,625.54 ************************

Taxes: ONHSTS 211.33

Page: 2 Last

Certificate of Mill Test Results

BL PEC-739334-001

17Nov11 Pg 1/1

We centry that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PO/Rel 15445

路 235 號 13F	lg, 4th Road ung, Taiwan.	ì			净重(KG)	Net Weight	1,252	1,214	1.250	1.250	200	1,100	1,242	1.216	Mechanical Properties			. F.F.	HKI3 HV	86.0	82.3	- 159.1	159.1	82.7	86.5	86.5			STAINLESS			
高雄市航金區中正區路 235 號 13F	13-F, No. 235, Jungjeng, 4th Road Chianjin Chiu, Kaohsiung, Taiwan.					Cength	÷	£	:						Mechani			Fire 英		65.0	56.5	56.0	56.0	53.0	55.5	55.5		0.:4775	HANGST	יי. הייינייי	1.00 1.11.00	7
上班題	13-F, 1 Chianj				凝品尺寸	Thickness x Width x Length	1GA × 48" × 96"	2GA x 48" x 56"	6GA x 48" x 96"	16GA x 48" x 96"	8GA × 48" × 96"	200	154×48"×96"	1GA x 48" x 120"	极权作的		極端計数	Y.S(0.2%)	Tartur.	314	256	275	275	290	336	336	PO No.:82413	Shinment	YUEN CHANG	1 day 1.0		くどく
ەك	FICATE	11/08/08				Thickne	≚	126	160	16G	18G		511	Š	#2		抗粉雜牌	T.S.		637	919	653	653	633	089	680			:	i ⁱ	;; ;	
檢驗證明書	INSPECTION CERTIFICATE	SOUTE DATE). CI			光回:	Finish	28	2.19	213	2B	2B	FOR	40.4	NO.4	(%)													d with	iom			
檢	VSPECT	1 4 T				Sectional Control	\$2	504	304	304	304	304	5 2		İ			Z	-}-		/com	,	-			0.030	•	we merenty terrify that the products described herein have been manufactured and tested with	本語的學術等的學術,也可不多家。		requirements specified in ASTM A240/A480	() - () -
	<u> </u>	` 			6篇 TO	יסמכי					m	~)	٠,	Caemical Composition			Z 	0 1 0		0.134	_¦	٠Ļ.			8.000	を八数米	mufactur	e mater	. !	STMA	
	LTD.		sauga,			. 9		2			20	6	6	, 	cimical			ర ——	18 400	101.81	10.01	10.10	20.07	10.108	18.100	18.100	酸化之	bccn m	The above	nercun:	fec in A	
	SL CO.,	1,4	e Missie Tita	Act of the last	Heat No	A 2 1 0 1 0 8 0	050101217	000000000	2/5576	51.33777	89691-1020	A2101199	A2101100		ול			S	0.00	0.00	0.007	2000	1000		0.002	0.002	A-407 V	rein have	rement of	and free	nts speci	
<u>に</u>	YUEN CHANG STAINLESS STREL CO., LTD.	Global Stainless Strel Inc.	1150 Meyerside Drive Mississauga, Ontario Canada, 1 5T 114	Transfer and				-	-	-	2	` _		- S	3			<u>.</u>	0.035	0.030	9000	0.006	200	1000	0.040	茲舒明本费的列達場,恰如末約個按關準記書號。 + ## 100 8,000		scribed he	the requi	irradiation and free mercury	reguireme	
運鍋鋼鐵股份有限公司	[A]NLE	bal Stair	1150 Meyer	} ! ! i	i c	S0E20		A_1		7.4		N20-1	N20-2	金麗女			2	Min	1.200	1.161	1.010	1.010	181	0,00	1 060	- 1000-1	Cife of TANK	oducts de	All Comments	is free in	m to the	
鐵股份	IANG S			盤茶循譯	Coil No.	KA10331950E20	H0710	OGP1320A-1	OCEP1320A	103600	KCCU	KA10367270N20-1	KA10367270N20-2				č	70	0.410	0.470	0.340	0.340	0.402	0.170	0.370	H. 167	Alter Aller	nat the pre	11 使用者	oed-above	ets confo	
直結鄉	OEN C	が作り数	お了有語 Customer	_		2					:	\$	Ž	 			<u> </u>	ا ر	0.050	0.043	0.052	0.052	0.044	0.040		最所列灣	a di tan	r cenny :	福東市教	ial descri	ve produ	
शस्य <u>।</u>	> -		- O	四四四	Item		۲3	~	-		, -	۵	1	Ŧ	. T.	Ilem	- -	 	_	2	3	4	5	9		茲舒明本	We harry	Satisfacto	本學品與新一次 在一个 不是一个 不是一个 一个 不是一个 一个 一	The material described above is free	All the above products conform to the	

THYSSENKRUPP MATERIALS NA ALUMINUM PLAT BAR 606; T05;;; 750° x 2,00° X 144,0000° PART NO. DART AEROSPACE

PO/Rel 1545

We centry that this is a true capy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-739334-003

17Nov11

SERVICE CENTER METALS

5850 Quality Way Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

					135938	•••
BKL 10		MANFEST NUMBER	DENOMBER	DATE OF SHIPMENT	CFPTGFCATION	
ThyssenKrupp Materials NA		141340	RB0115	9/30/2011	ASTM-8221-08 Stonoil Confirmation	
SHIP TO	3	CUSTOMER PO	ALLOY/ TEMPER	SALESPERSON		Donum
ThyssenKrupp Materials NA PEC		PEC-233244	6061-T6511	David Schroeder		
	200	CUSTOMER PART NUMBER	DESCRIPTION		AMS-CCA-200/8	
selection, comments the selection of the	Sodne	RB0115	SCRB 750x2 000			

S

revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. We hereby certify that the material covered by this report has bean inspected in accordance with the most recent certification SCM extrusions are manufactured in the USA from ingot meliad and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-76

Elongation

Yield Strength

12.7

48.9 (KSI)

> 09/24/11 :

Ultimate Tensile Strength (KSI) **Test Date Mechanical Properties** 201114759 Test No. Lot No.

	Others <u>Each</u> <u>Total</u>	0.05 max 0.15 max
	i=]	0.01
	Zn	90.0
	히	0.08
	Mg	0.91
	띰	0.10
Alloy 6061	괴	0.34
um Alle	미	0.35
Alumin	ଊ୲	0.76
Somposition for Aluminum All	Allox	6061
Chemical Com	Cast Number	091115

Calvin J. Wiggins. Director of Quality & Technical Services.

Print Date: 9/30/2011

United States of America Melted In

Doc No. 118878 Indexed 4Oct11 by slssup1

HIVSSENKRUPP MATERIALS NA DART AEROSPACE

4LUMINUM ROUND BAR 6061-16511 625" DIA X 144.0000" 8ART NO:

PO/Rel 15445

We centify that this is a true copy of the report. furnished by the producer of the metal, or data esulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC 739334-005 1

LVON Pg 1/1

SERVICE CENTER METALS

Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS 5850 Quality Way

FOR EXTRUDED PRODUCTS

ASTM-B221-08 No Stencil AMS-QQA-200/8 130370 OUR ORDER NUMBER CERTIFICATION SPECIFICATION

6/29/2011

RD0002 DIE NUMBER

134675

ThyssenKrupp Materials NA

B/LL 70

MANIFEST NUMBER

DATE OF SHIPMENT

David Schroeder SALESPERSON ROD .625 +/-.005 6061-T6511 ALLOY / TEMPER DESCRIPTION VIM-610896 CUSTOMER PART NUMBER RD0002 CUSTOMER PO 395pcs ! ThyssenKrupp Materials NA VIM 1,712 lbs Quantity Certified

description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification learns produced and certified as 6061-76511 also revision, and has been found to meet the applicable requirements of 6061-76

Elongation

19.4 20.2 19.2 20.6 19.2 19.5 17.5

47.1 46.3 46.8

45.8

49.0

51.8 50.0 50.1 49.4

06/28/11 06/28/11

201110397 201110397 201110397 201110397

80

·Ф

06/28/11

06/28/11

Percent

Yield Strength

Fensile

Mechanical Properties

Test No.	Test No. Lot No.	Test Date	Ultimate Ten Strength (K
· •	201110397	06/28/11	50.0
2	201110397		49.4
က က	201110397	06/28/11	49.8
4	201110397	06/28/11	47.5
Ð	201110397	06/28/11	48.9
i Ø	201110397	06/28/11	48.6

Alloy 6061	
ı for Aluminum A	
sition for A	
mical Composition	
Chem	

٧.	Cast Number	Alloy	ଊା	E E	리	Mn	Mg	히	<u>Z</u> n		Me
	061213	6061	0.71	0.39	0.31	0.10	0.87	0.08	0.04	0.02	United States o

of America

elted In

18.8 18.1

18.4

46.6 47.1

Print Date: 6/29/2011

Calvin J. Wiggins, Director of Quality & Technical Services

Doc No. 113675 Indexed 5Jul11 by vslssup2

IN A SSIBNIKA BID BAYAYARAKA ISANA

ALUMINUM SQUARE BAR 6061: 76511 750" X 144,0000" PART NO. DART AEROSPACE

PO/Rel 1545

We cently that this is a time copy of the report. furnished by the producer of the metal, or data

esulting from tests made in approved labs.

17Nov11 Pg 1/2

Signed fix

Certificate of Mill Test Results BL PEC-739334-002

SERVICE CENTER METALS

Prince George, VA 23875 5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

ием	a	Sontinuous	:	
131567	CERTIFICATION	ASTM-B221-08 StencilContinuous	SPECIFICATION AMS-COA-20010	0/00/10/10
	DATE OF SHIPMENT	7/15/2011 SALESPERSON	hroeder	
		ALCOY/TEMPER	6061-T6511 DESCRIPTION	
	sт инивек 135602	ER PO	FE PART NUMBER	40000

llems produced and certified as 6061-76511 also revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the meet the requirements of 6061-76

description, and that samplas representative of the malerial met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada. Mechanical Properties

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification

CUSTOMER PART NUMBER

160pcs .

1,269 lbs

Quantity Certified

MANIFEST NUMBER

CUSTOMER PO

ThyssenKrupp Materials NA PEC

ThyssenKrupp Materials NA

BILL 70

SQ0039

Test No. Lot No.

201110805		: 1	ICAL INSTRU	No.
	: : : : : : : : : : : : : : : : : : : :	07/14/11	55.0	74.8
201110805	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	07/14/11	55.3	0.10 1.00 1.00
201110805		07/14/11	54.2	
201110805	: : : : : : : : : : : : : : : : : : : :	07/14/11	54.6	0.00 6.00
201110805		07/14/11	56.4	0.1.0
201110805		07/14/11	54.2	4 00
201110805	;	07/14/11	55.5	9.00
201110805		07/14/11	55.5	02.3
201110805		07/14/11	54.9	54.0
201110805		07/14/11	55.3	57.4
		07/14/11	53.2	50.0

Rev. svocro; - UMS

Doc No. 114788 Indexed 21Jul11 by slssup1

Print Date: 7/15/2011

ALUMINUM SQUARE BAR 6061-76511 750" X 144-0000" PART NO.



54 JA

SERVICE CENTER METALS 5850 Quality Way Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

Chemical Composition for Aluminum Alloy 6061

0.86 S 0.10 Ę 0.34 리 0.39 <u>.</u> 0.76 S Allo 6061 6061 Cast Number 320315 152917

0.02

0.04 0.08

0.09

히

United States of America

Print Dat

Doc No. 114788 Indexed 21Jul11 by slssup1

v. 9/06/67 - UMS

Calvin J. Widdins. Director of Qually & Technical Servines

<u>SSENKRUPP MATERIALS NA</u>

ALUMINUM FLÄT BAR 6061-T6511 125" x .750" X 240 0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

Pg 1/1

Material Test Report

Manifest: 233573

Ticket: 5206899

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Our Order: 378915-3

Cust P.O.: 232133

Die: ES05485 Alloy Temper: 6061 T6511

Part: 05485-000-240 Description: .125 x .750

Print Date: 8/12/11

				Ch	emical	Сотро	sition Ra	nge		
6061	<u>Si</u>	<u>Fe</u>	<u>Cu</u>	<u>Mn</u>	Mg	<u>Cr</u>	<u>Zn</u>	<u>Ti</u>	<u>OtherEach</u>	OtherTotal
Min	0.40		0.15		8.0	0.04		_		<u>Guioi Ivan</u>
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

				tical Proper trength ksi	ties		
<u>Sample</u> <u>ID</u>	Cast #	Lot#	<u>Test</u> <u>Date</u>	<u>Ultimate</u> <u>Tensile</u>	Yield 2% offset	Elongation 2" gage length	
126396	11050023A	All	8/11/11	43.62	41.32	10.1	

Applicable Specifications ASTMB221-08 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment

Ray Hussain - Tensile Testing

Authorized:

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROTIND BAR 6061 T6S11 750" DIA X 144,0000" PART NO. PO/Rel 1544

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs. Certificate of Mill Test Results

BL PEC-739334-006

17Nov11 __Pg 1/3



CERTIFIED TEST REPORT http://Certs.KaiserAluminum.com

Signed by:

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO. MI 49048

CUSTOMER PO NUME PEC-232331-6	PEN:	1	ER PART NUMBER:	PRODUCT DESCRIPTIO	N:	
KAISER ORDER NUME	ER: LINE ITEM:	015238		KAISERSELECT	PRECISION RO	DD 750 +/- nn4
601377	006		SHIP DATE: 09/09/2011	INVISER LOT NUMBER:	ALLOY:	TEMPER:
WEIGHT SHIPPED: 1515.000 LB	QUANTITY: 243.000 F	200	B/L NUMBER:	P0.750030 DIAM/DAF/THKNS:	6061 WIDTH:	T6511B
SHIP TO:	240.0007	03	601380	SOLD TO:		12.000 FT
THYSSENKRUPI 2821 LANGSTAF CONCORD, ON I	FROAD			THYSSENKRUPP 2821 LANGSTAFF CONCORD, ON LA	ROAD	

CERTIFICATION

Kaiser Aluminum Fabricated Froducts, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Page 1 of 3

Plant Scrial: 00006697

Kaiser Order Number: 601377

Line Item: 006

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511-750" DIA X 144.0000" PART NO. PO/Rel 15445

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs. **Certificate of Mill Test Results**

BL PEC-739334-006

Pg 2/3

Signed by:





KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048



CERTIFIED TEST REPORT http://Certs.KaiserAluminum.com

Actual Physical Properties

REFERENCE	DASH#	CANCE		ar i riysical	Properties				
XTR000901		SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG*	HAR	DNESS	CONDUCT.	BEND
XTROOC901	0001 0001	0001 0002	47.0	42.8	19.2	RE	95	N/A	
XTR000901	0001	C002	46.6	42.4	17.4	RE	94	N/A N/A	N/A
XTR000901	0001	0004	45.6	40.3	20.1	RE	93	N/A	N/A
XTR000901	0001	0004	51.0	47.6	17.2	RE	98	N/A	N/A
XTR000901	C001	0005	48.0	43.1	18.2	RE	95	N/A N/A	N/A
XTR000901	0001	0007	49.C	43.2	16.0	RE	98	N/A	N/A
XTR000901	0001	0007	48.1	44.0	18.1	RE	98	N/A	N/A
XTR0009C1	0001	0000	49.6	44.9	19.9	RE	98	N/A	N/A N/A
XTR000901	0001	0010	19.6 49.9	46.1	20.6	RΞ	98	N/A	N/A N/A
XTR000901	0001	0011	46.7	46.8	17.5	RΞ	98	N/A	N/A
XTR000901	0001	0012	48.1	42.0	17.6	RE	95	N/A	N/A
XTR300901	0001	0013	47.5	44.4	18.1	RE	92	N/A	N/A
XTROC0901	0001	0014	51.2	42.2	18.2	RE	92	N/A	N/A
XTROCO901	0001	0015	46.1	47.2	15,7	RE	94	N/A	N/A
XTR000901	0001	0016	48.0	41.5 43.5	20.5	RE	91	N/A	N/A
XTR000901	0001	0017	48.5	43.1	20.1	RE	93	N/A	N/A
XTR000901	0001	0018	48.9	43.9	17.0	RE	92	N/A	N/A
XTR000901	0001	0019	47.0	41.7	19.2	RE	92	N/A	N/A
XTR000901	0001	0020	17.7	42.6	17.9	RE	92	N/A	N/A
XTR0009C1	0001	0021	48.1	43.3	17.6	RE	92	N/A	N/A
XTR000901	0001	0022	45.7	41.4	17.7	ЗE	93	N/A	N/A
KTR000901	0001	0023	50.4	46.1	18.2	RE	91	N/A	N/A
XTR000901	JCC1	0024	48.4	44.5	18.0	RE	94	N/A	N/A
KTR000901	0001	0025	47.2	41.7	15.6	RE	92	N/A	N/A
			- · · • -	3-1/	18.9	RE	90	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	m 1	Fe												
	Si		Cu	_ Mn	Mg	Cr	Zn	Ti	Pb					
Maximum Minimum	0.80	0.70	0.40	0.15	1.20	C 35				Bi_	Zr	Ea	Tot	
Minimum A31756		0.00	0.15	0.00	0.80	0.04	0.25	0.15	NA	NA			0.15	
A31756 A31751			.26	.10	. 93	.10	.02	.02	NA .00	NA			0.00	
A31/31	.72	.28	.32	.10	.92	.09		.02	.00	.00	.00	.01	.01	
								••2	•00	.01	.00	.00	.01	

CERTIFICATION

Raiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

WK.KS

Page 2 of 3

Plant Serial: 00006697

Kaiser Order Number: 601377

Line Item: 006

YSSENKRUPP MATERIALS NA

ALUMINUM ROUND BAR 6061-T6511 .750" DIA X 144.0000" PART NO.

We centify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-739334-006

17Nov11

Signed by:

Pg 3/3



KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048



CERTIFIED TEST REPORT http://Certs.KaiserAluminum.com

Applicable Requirements:

PER ASTM-B221-08, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8 UNS#6061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. That reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

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Plant Serial: 00006697

Kaiser Order Number: 601377

Line Item: 006